

Sequence Listing

10/521675

DT01 Rec'd PCT/PTC 18 JAN 2005

&lt;110&gt; EYEGENE INC.

&lt;120&gt; Protein for Diagnosing Diabetic Retinopathy

&lt;150&gt; KR102002041771

&lt;151&gt; 2002-07-16

&lt;160&gt; 4

&lt;170&gt; KopatentIn 1.71

&lt;210&gt; 1

&lt;211&gt; 353

&lt;212&gt; PRT

&lt;213&gt; Homo sapiens

&lt;400&gt; 1

Ala Ser Pro Thr Ser Pro Lys Val Phe Pro Leu Ser Leu Cys Ser Thr  
 1 5 10 15

Gln Pro Asp Gly Asn Val Val Ile Ala Cys Leu Val Gln Gly Phe Phe  
 20 25 30

Pro Gln Glu Pro Leu Ser Val Thr Trp Ser Glu Ser Gly Gln Gly Val  
 35 40 45

Thr Ala Arg Asn Phe Pro Pro Ser Gln Asp Ala Ser Gly Asp Leu Tyr  
 50 55 60

Thr Thr Ser Ser Gln Leu Thr Leu Pro Ala Thr Gln Cys Leu Ala Gly  
 65 70 75 80

Lys Ser Val Thr Cys His Val Lys His Tyr Thr Asn Pro Ser Gln Asp  
 85 90 95

Val Thr Val Pro Cys Pro Val Pro Ser Thr Pro Pro Thr Pro Ser Pro

## Sequence Listing

100	105	110
Ser Thr Pro Pro Thr Pro Ser Pro Ser Cys Cys His Pro Arg Leu Ser		
115	120	125
Leu His Arg Pro Ala Leu Glu Asp Leu Leu Leu Gly Ser Glu Ala Asn		
130	135	140
Leu Thr Cys Thr Leu Thr Gly Leu Arg Asp Ala Ser Gly Val Thr Phe		
145	150	155
		160
Thr Trp Thr Pro Ser Ser Gly Lys Ser Ala Val Gln Gly Pro Pro Glu		
165	170	175
Arg Asp Leu Cys Gly Cys Tyr Ser Val Ser Ser Val Leu Pro Gly Cys		
180	185	190
Ala Glu Pro Trp Asn His Gly Lys Thr Phe Thr Cys Thr Ala Ala Tyr		
195	200	205
Pro Glu Ser Lys Thr Pro Leu Thr Ala Thr Leu Ser Lys Ser Gly Asn		
210	215	220
Thr Phe Arg Pro Glu Val His Leu Leu Pro Pro Pro Ser Glu Glu Leu		
225	230	235
		240
Ala Leu Asn Glu Leu Val Thr Leu Thr Cys Leu Ala Arg Gly Phe Ser		
245	250	255
Pro Lys Asp Val Leu Val Arg Trp Leu Gln Gly Ser Gln Glu Leu Pro		
260	265	270
Arg Glu Lys Tyr Leu Thr Trp Ala Ser Arg Gln Glu Pro Ser Gln Gly		
275	280	285
Thr Thr Thr Phe Ala Val Thr Ser Ile Leu Arg Val Ala Ala Glu Asp		

## Sequence Listing

290

295

300

Trp Lys Lys Gly Asp Thr Phe Ser Cys Met Val Gly His Glu Ala Leu

305

310

315

320

Pro Leu Ala Phe Thr Gln Lys Thr Ile Asp Arg Leu Ala Gly Lys Pro

325

330

335

Thr His Val Asn Val Ser Val Val Met Ala Glu Val Asp Gly Thr Cys

340

345

350

Tyr

&lt;210&gt; 2

&lt;211&gt; 10

&lt;212&gt; PRT

&lt;213&gt; Homo sapiens

&lt;400&gt; 2

Trp Leu Gln Gly Ser Gln Glu Leu Pro Arg

1

5

10

&lt;210&gt; 3

&lt;211&gt; 1059

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 3

gcaagcttga ccagcccaaa ggtcttcccgctgagcctct gcagcaccca gccagatggg 60

aacgtggica tcgcctgcct ggtccagggc ttcttcccc aggagccact cagtgtgacc 120

tggagcga aa gcgacaggg cgtgaccgcc agaaacttcc caccagcca ggatgcctcc 180

## Sequence Listing

ggggacctgt acaccacgag cagccagctg accctgccgg ccacacagt cctagccggc	240
aagtcctga catgccacgt gaagcactac acgaatccca gccaggatgt gactgtgccc	300
tgcccagttc cctcaactcc acctacccca tctccctcaa ctccacctac cccatctccc	360
tcatgtgcc acccccgact gtcactgcac cgaccggccc tcgaggacct gctcttaggt	420
tcagaagcga acctcacgtg cacactgacc ggctgagag atgcctcagg tgtcaccttc	480
acctggacgc cctcaagtgg gaagagcgct gtccaaggac cacctgaccg tgacctctgt	540
ggctgctaca gcgtgtccag tgtcctgtcg ggctgtgccg agccatggaa ccatgggaag	600
accttcactt gcactgtctc ctaccccgag tccaagacct cgctaaccgc caccctctca	660
aaatccggaa acacattccg gcccgaggtc cacctgtctc cgccgccgtc ggaggagctg	720
gcccigaacg agctggtagc gctgacgtgc ctggcacgtg gcttcagccc caaggatgtg	780
ctggttcgct ggctgcaggg gtcacaggag ctgccccgcg agaagtacct gacttgggca	840
tcccggcagg agcccagcca gggcaccacc accttcgtg tgaccagcat actgcgcgtg	900
gcagccgagg actggaagaa gggggacacc ttctcctgca tggtagggcca cgaggccctg	960
ccgctggcct tcacacagaa gaccatcgac cgcttggcgg gtaaaccac ccatgtcaat	1020
gtgtctgttg tcatggcgga ggtggacggc acctgctac	1059

<210> 4  
 <211> 30  
 <212> DNA  
 <213> Homo sapiens

## Sequence Listing

<400> 4

tggctgcagg ggtcacagga gctgccccgc

30